

Program EVALPLOT
(Version 2017-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail: redcullen1@comcast.net

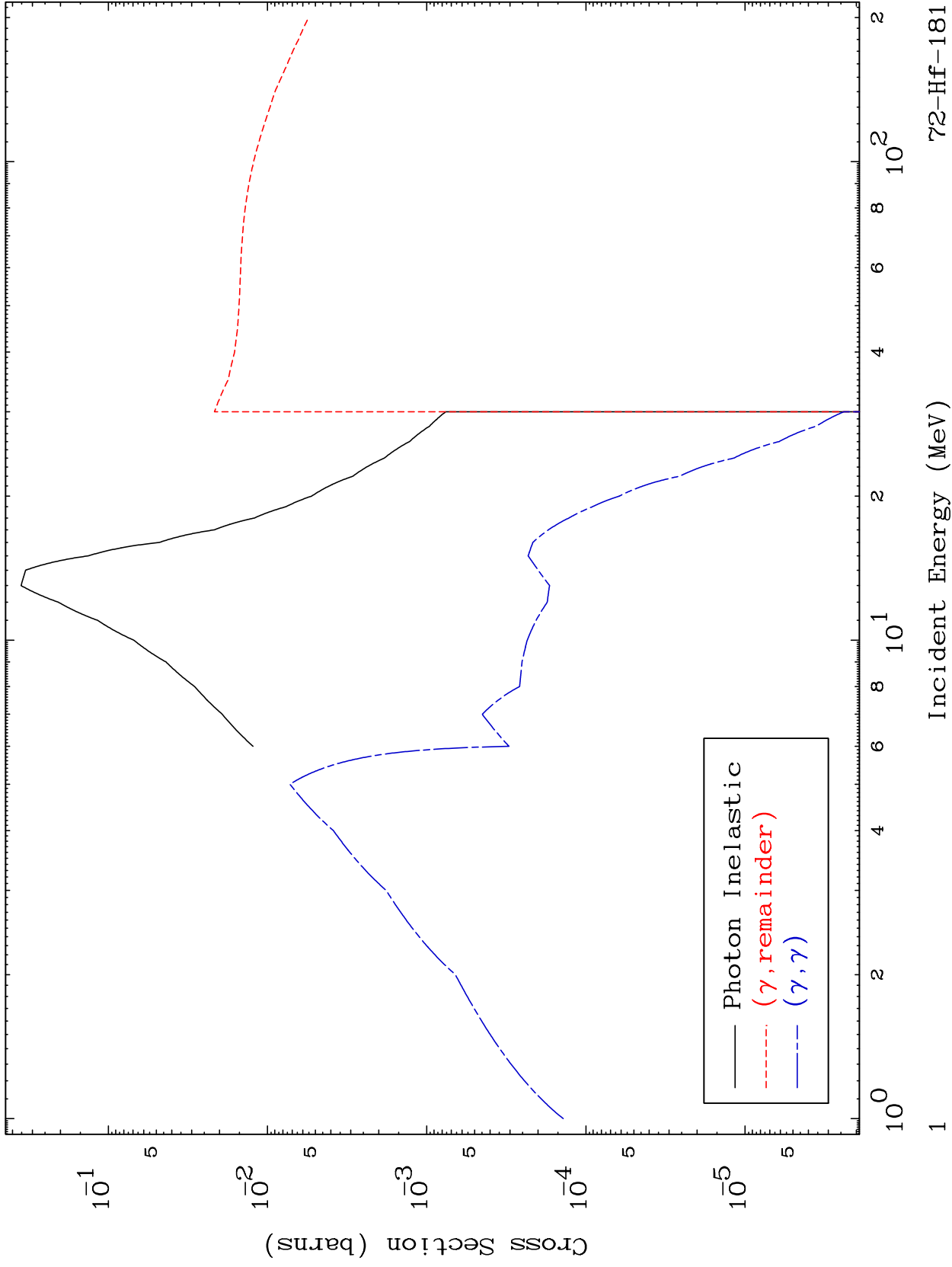
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7246

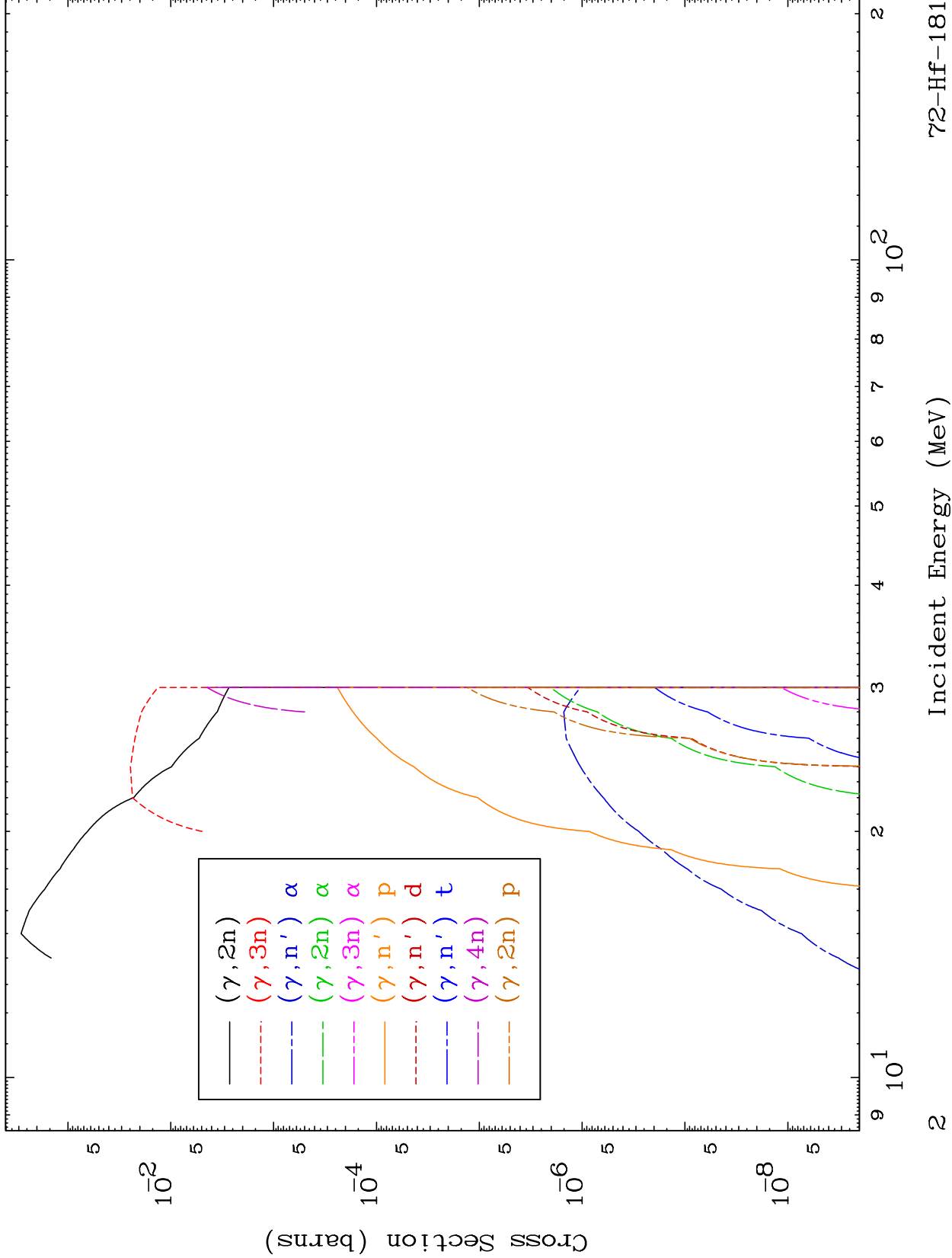
Photon Major
0 Kelvin Cross Sections

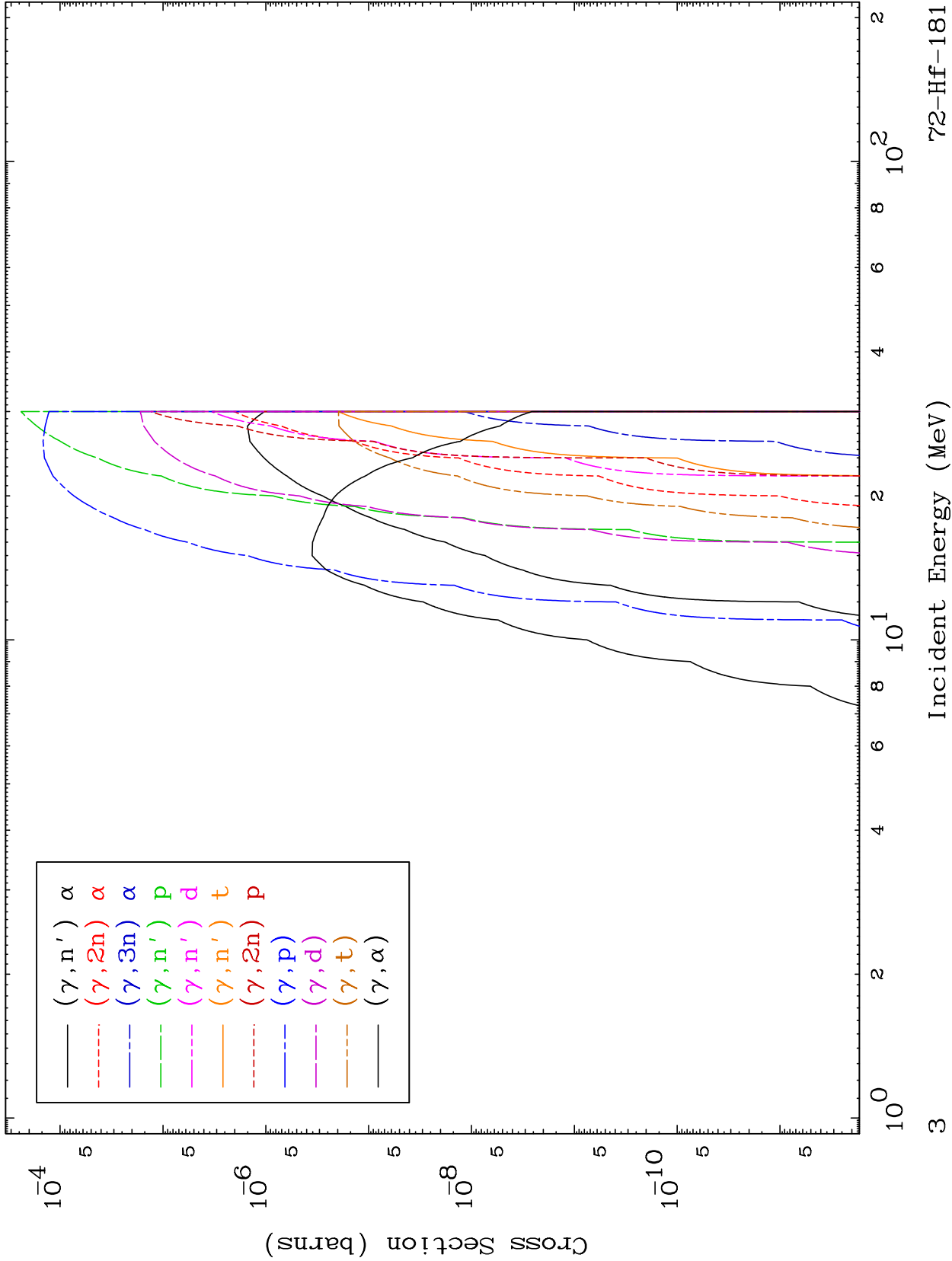
72-Hf-181

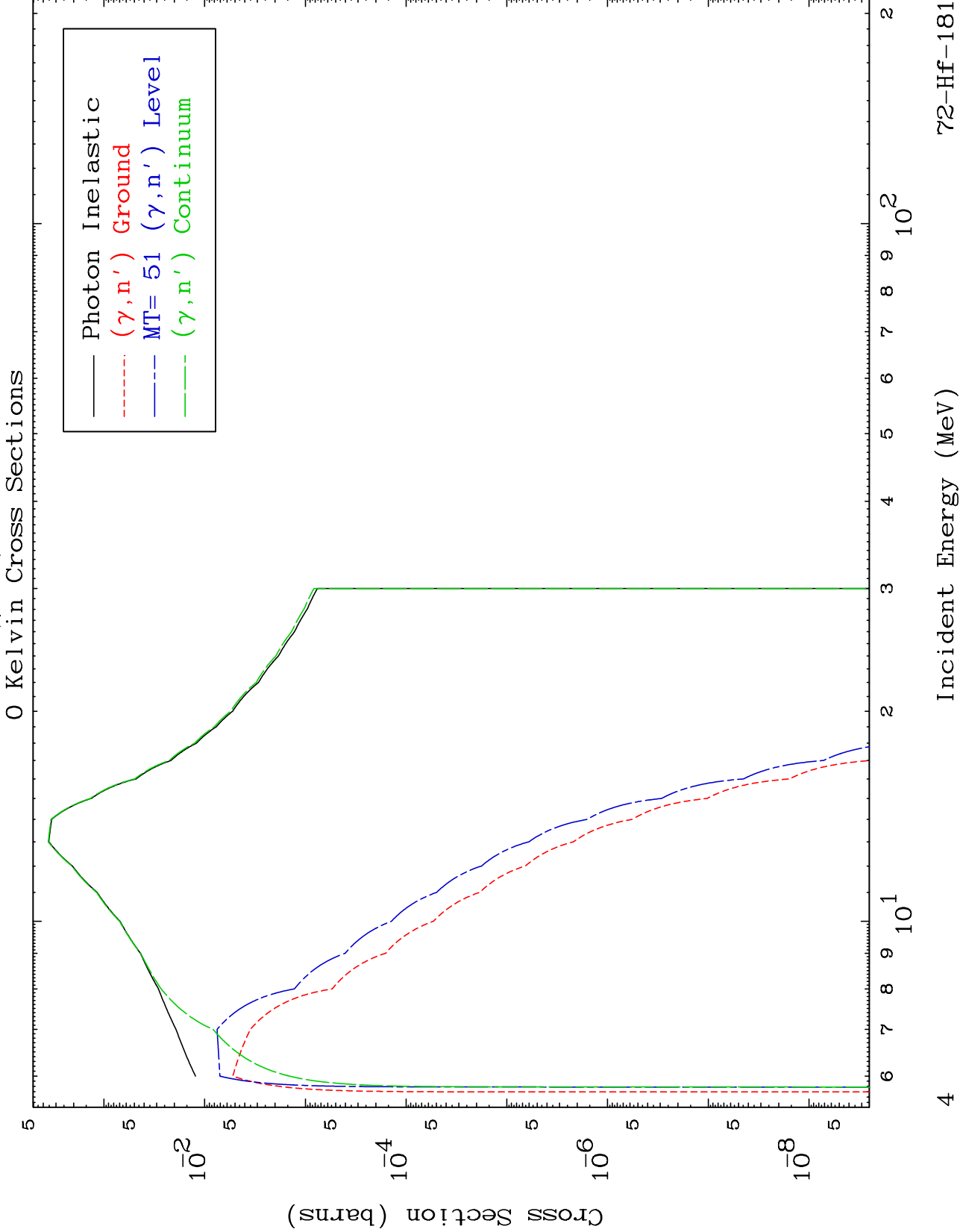


72-Hf-181

Incident Energy (MeV)



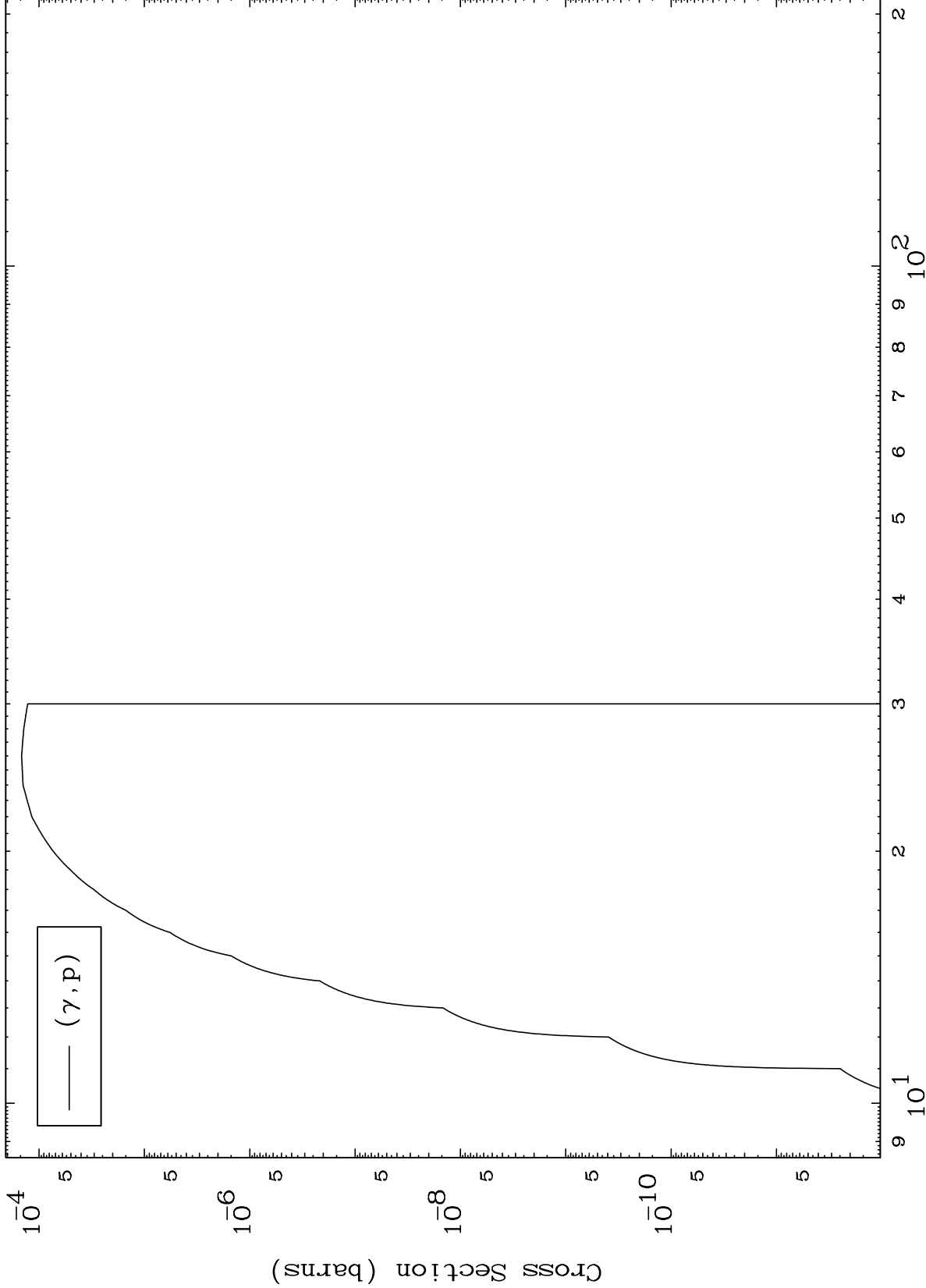




MAT 7246

(γ, p) Levels
0 Kelvin Cross Sections

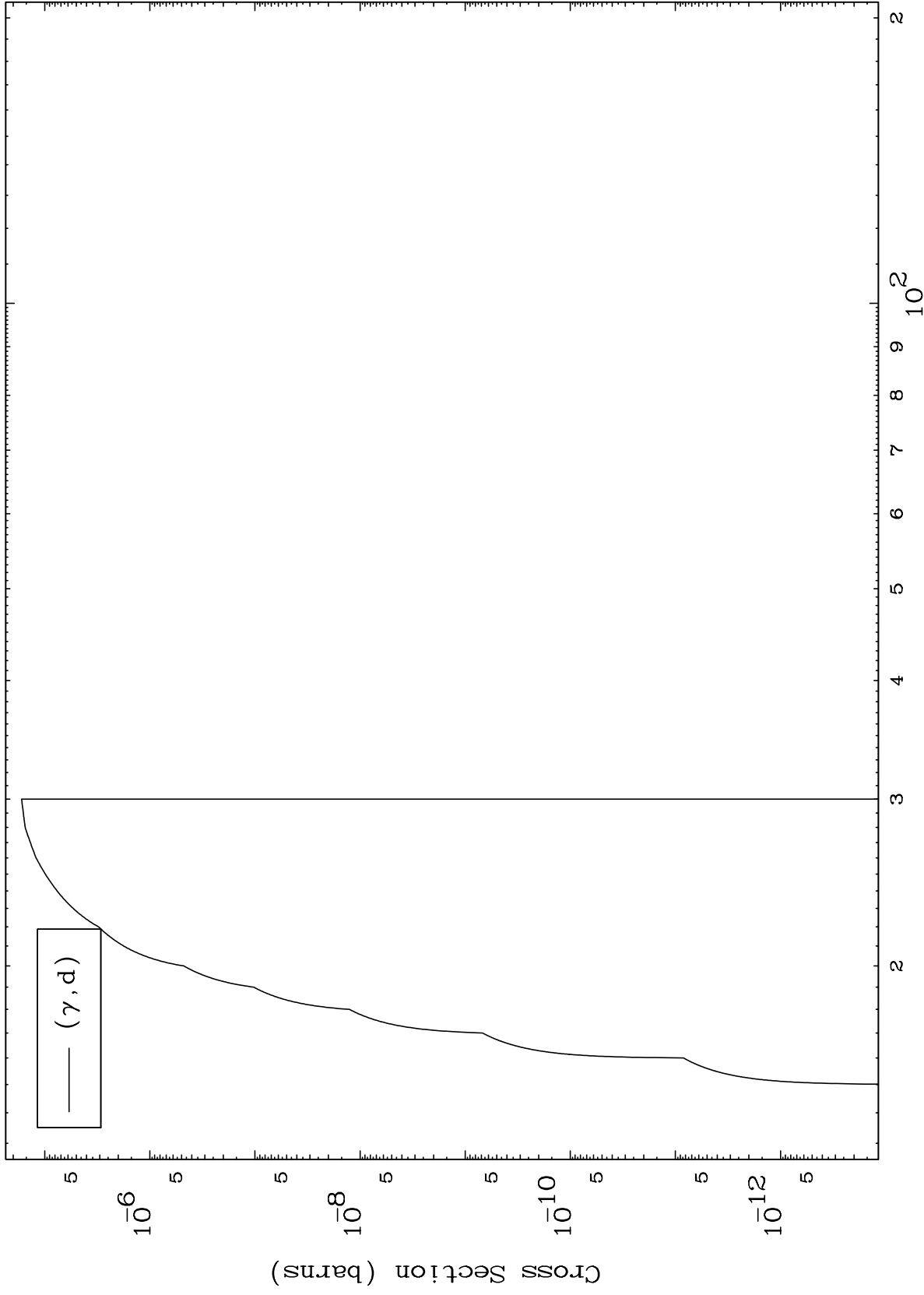
72-Hf-181

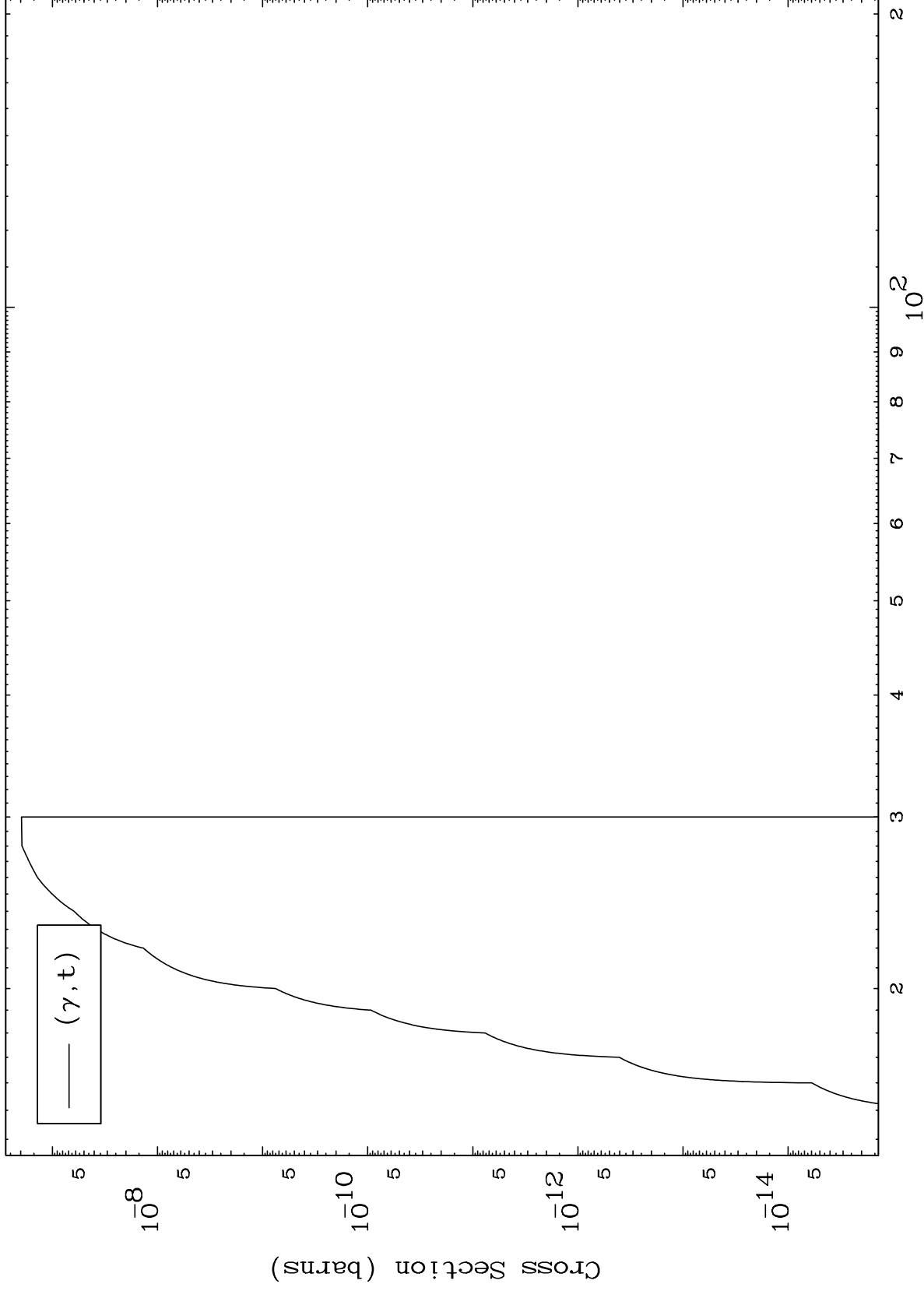


Incident Energy (MeV)

72-Hf-181

5



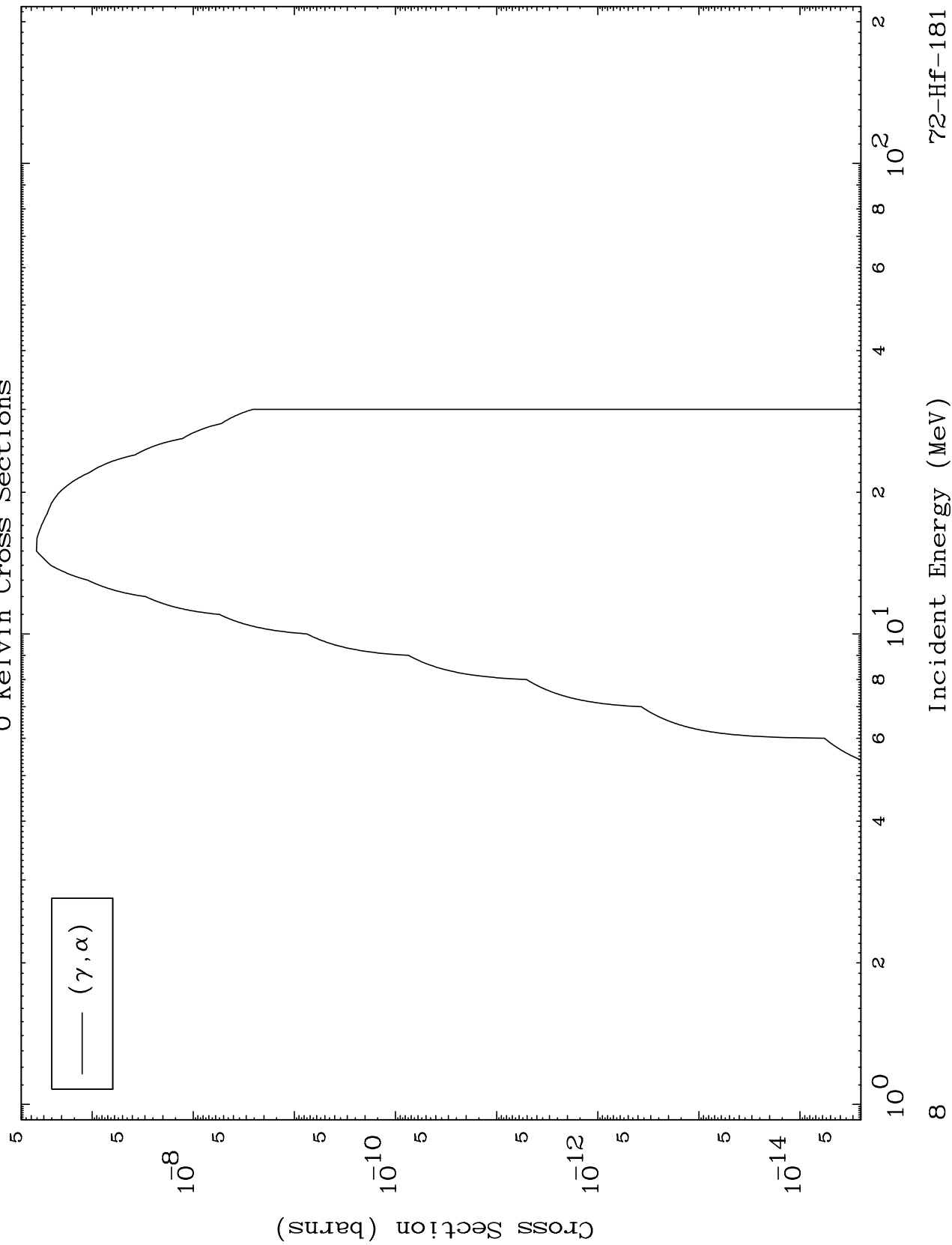


MAT 7246

(γ, α) Levels

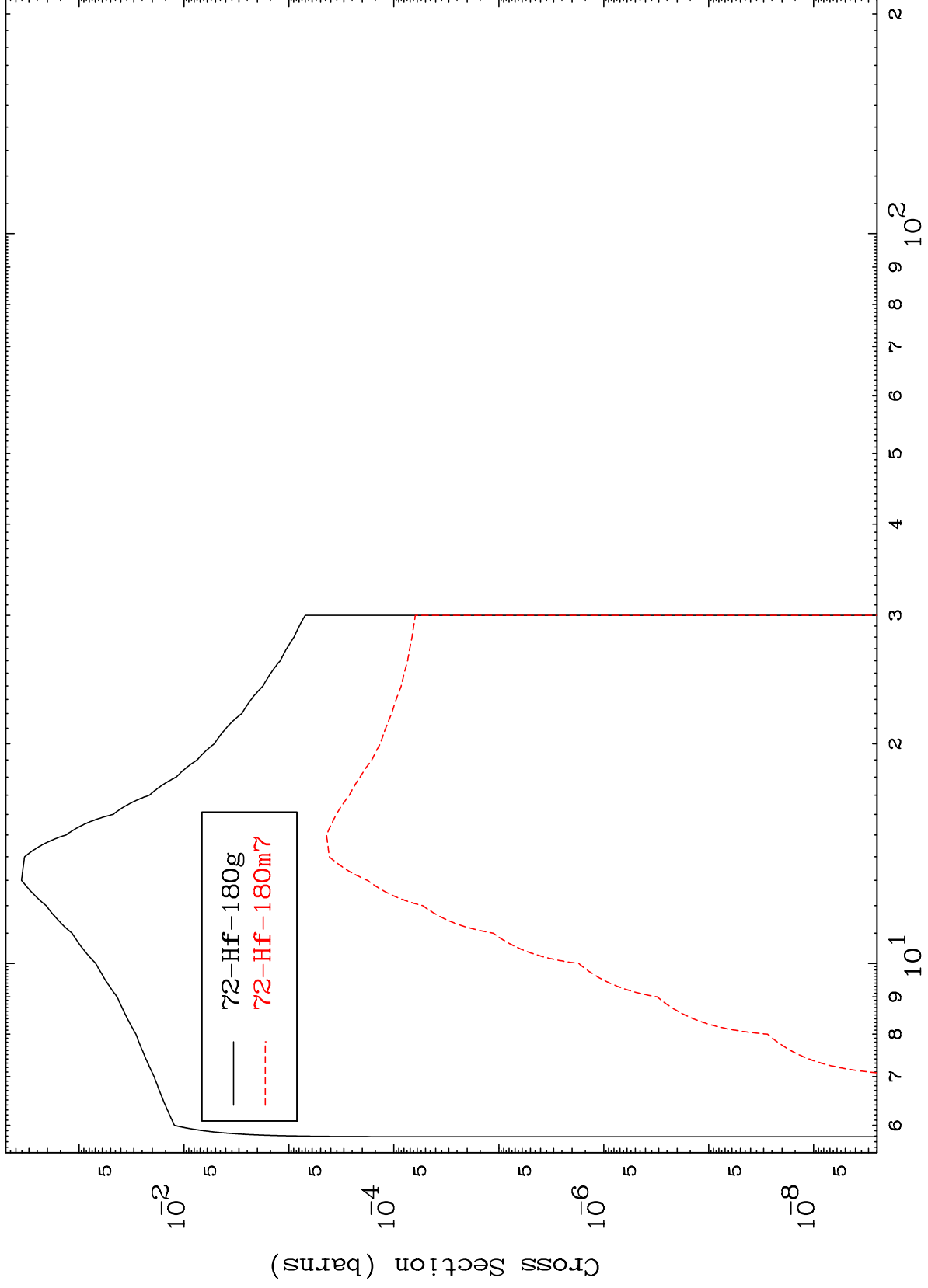
72-Hf-181

0 Kelvin Cross Sections



Incident Energy (MeV)

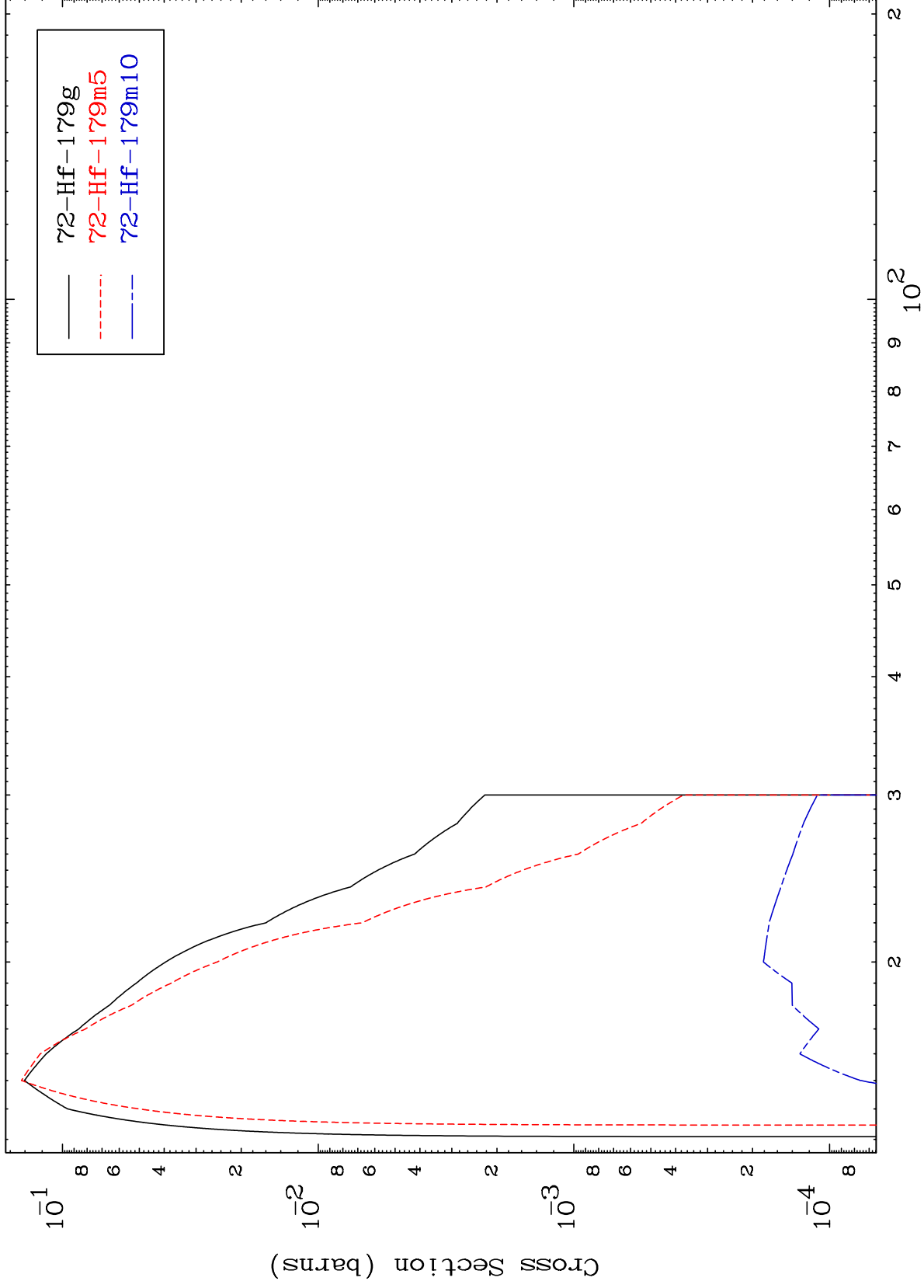
72-Hf-181



MAT 7246

72-Hf-181

Radionuclide Production Cross Section
($\gamma, 2n$)



10

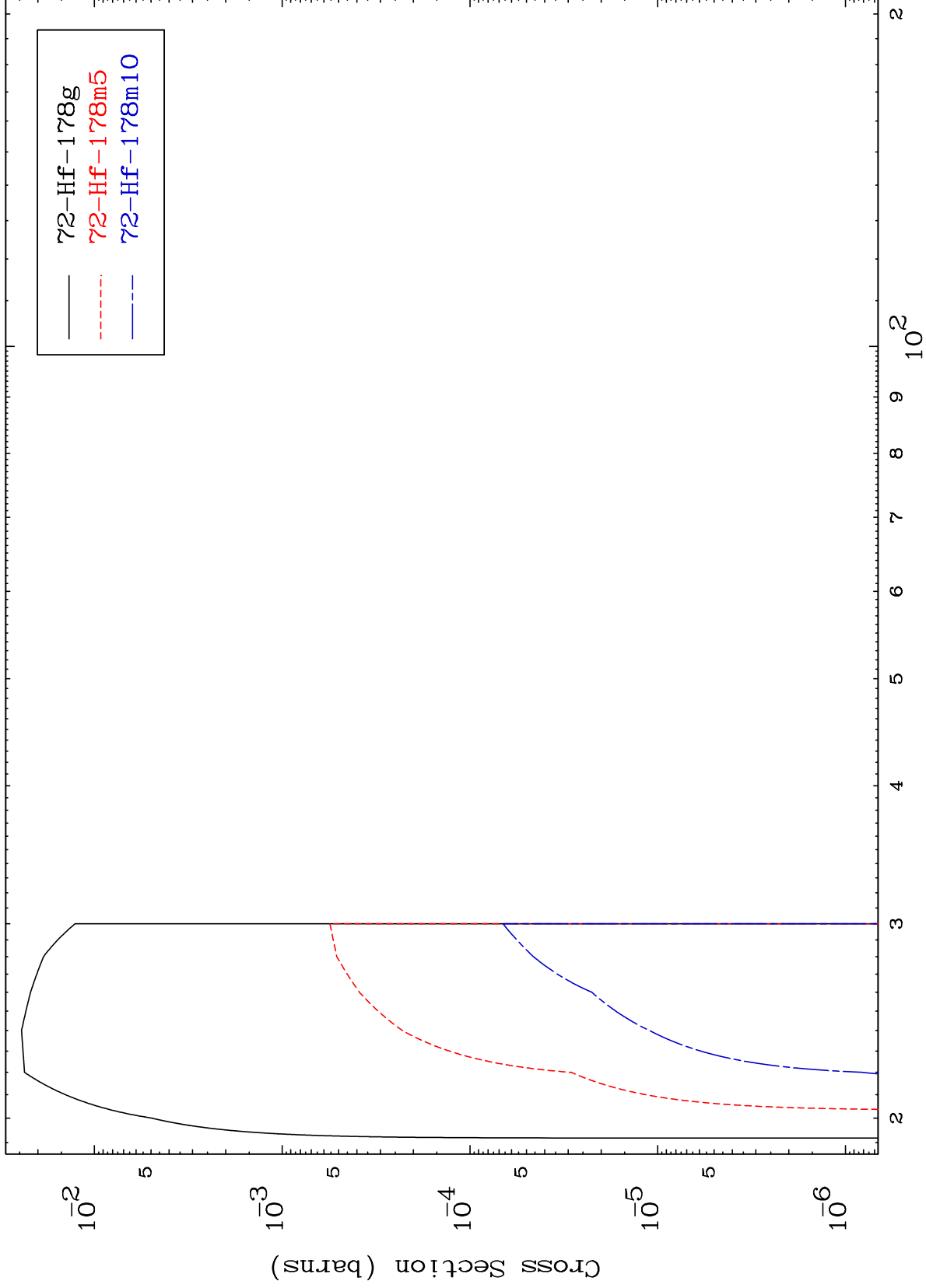
Incident Energy (MeV)

72-Hf-181

MAT 7246

72-Hf-181

($\gamma, 3n$)
Radionuclide Production Cross Section



11

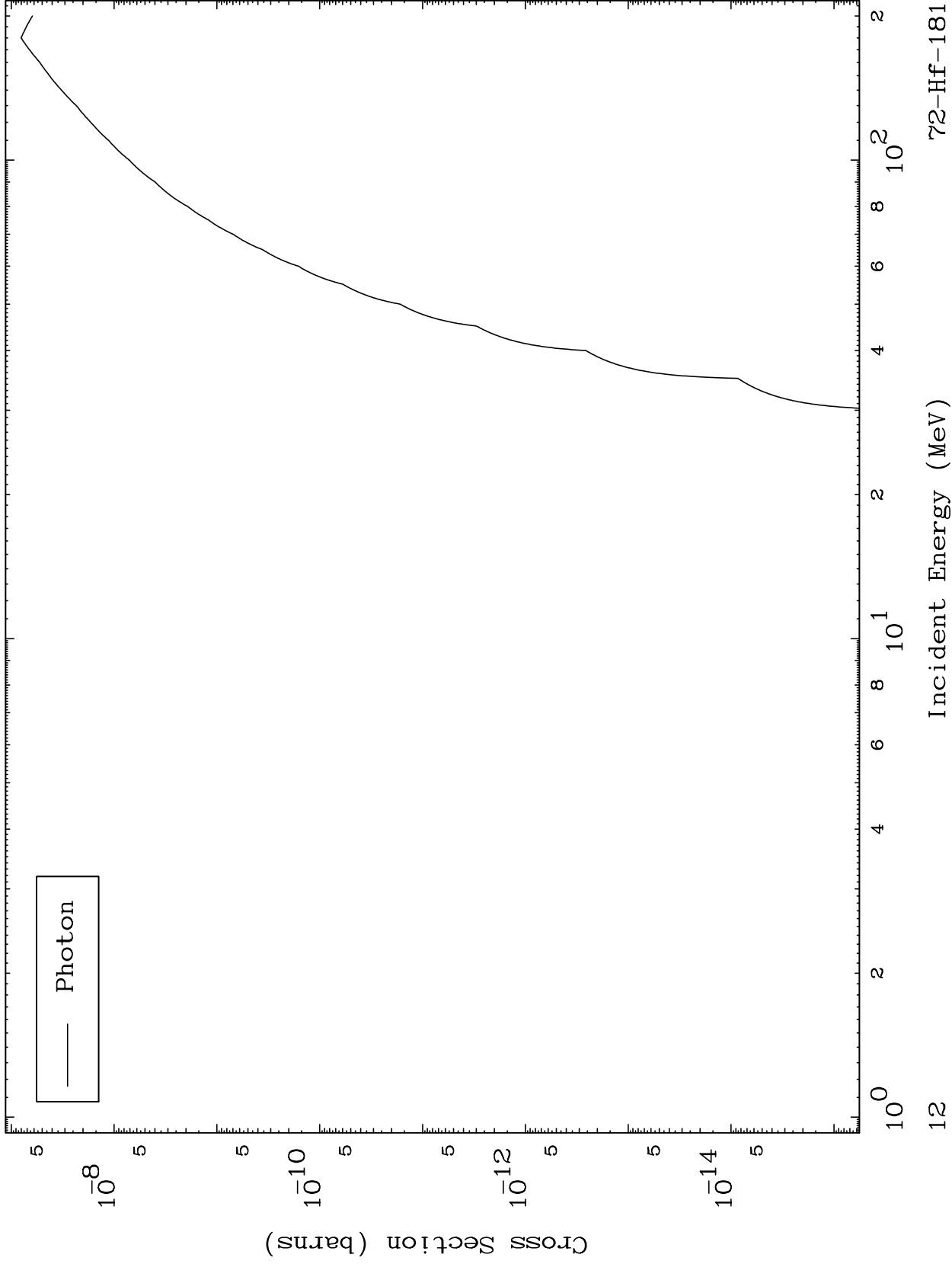
Incident Energy (MeV)

72-Hf-181

MAT 7246

Photon Fission
Radionuclide Production Cross Section

72-Hf-181



72-Hf-181

Incident Energy (MeV)

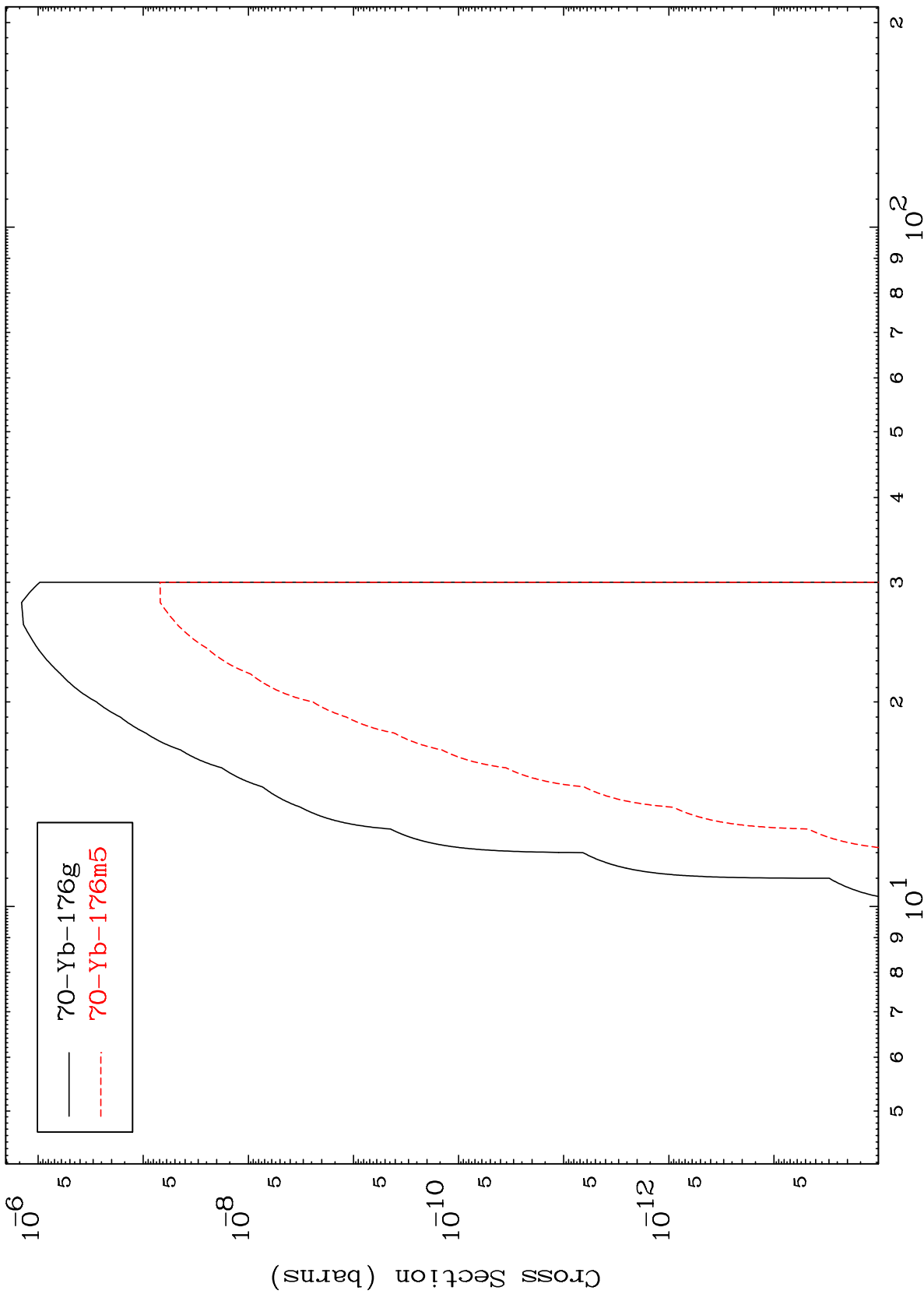
12

MAT 7246

(γ, n') α

72-Hf-181

Radionuclide Production Cross Section



13

Incident Energy (MeV)

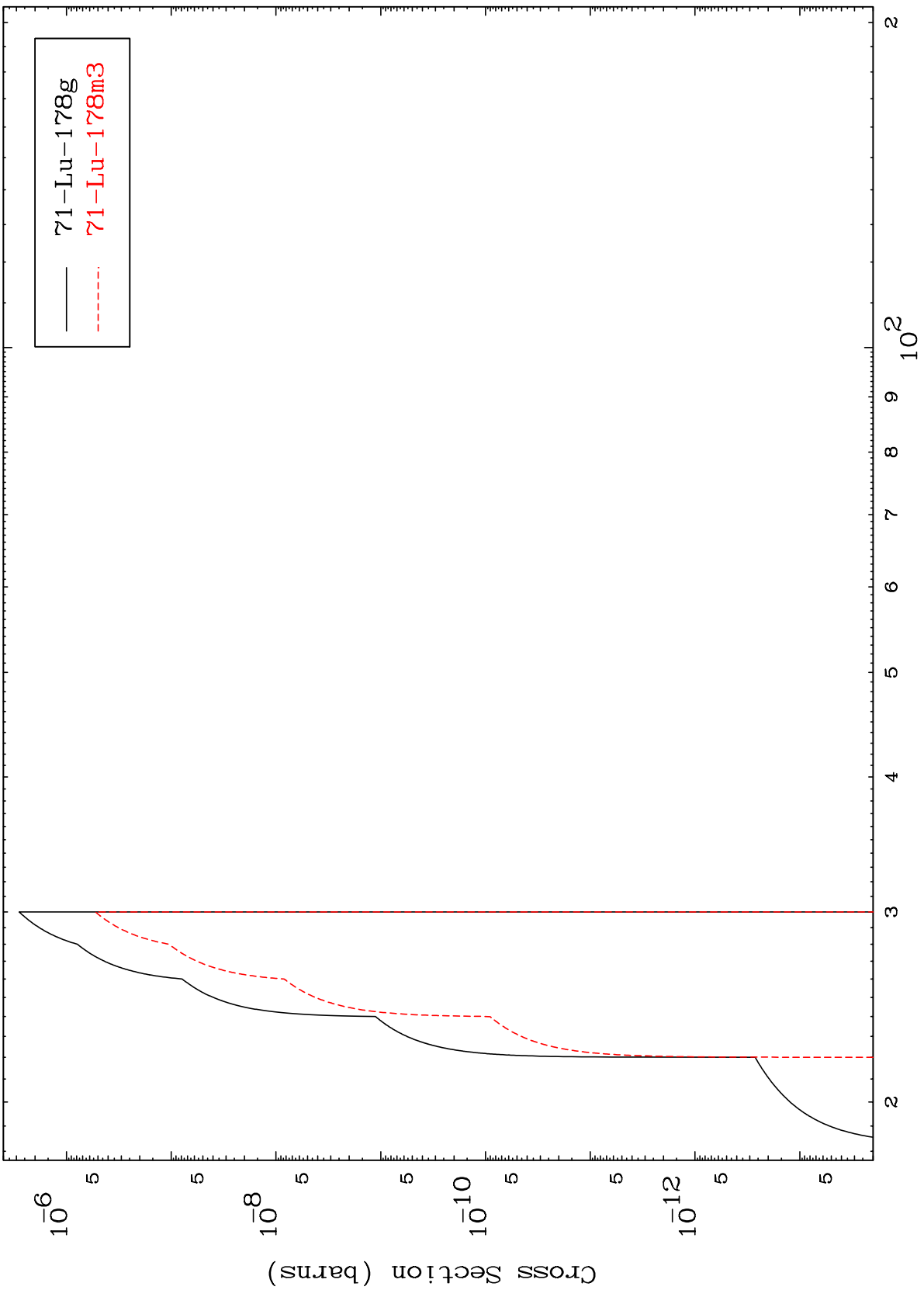
72-Hf-181

MAT 7246

(γ, n') d

72-Hf-181

Radionuclide Production Cross Section

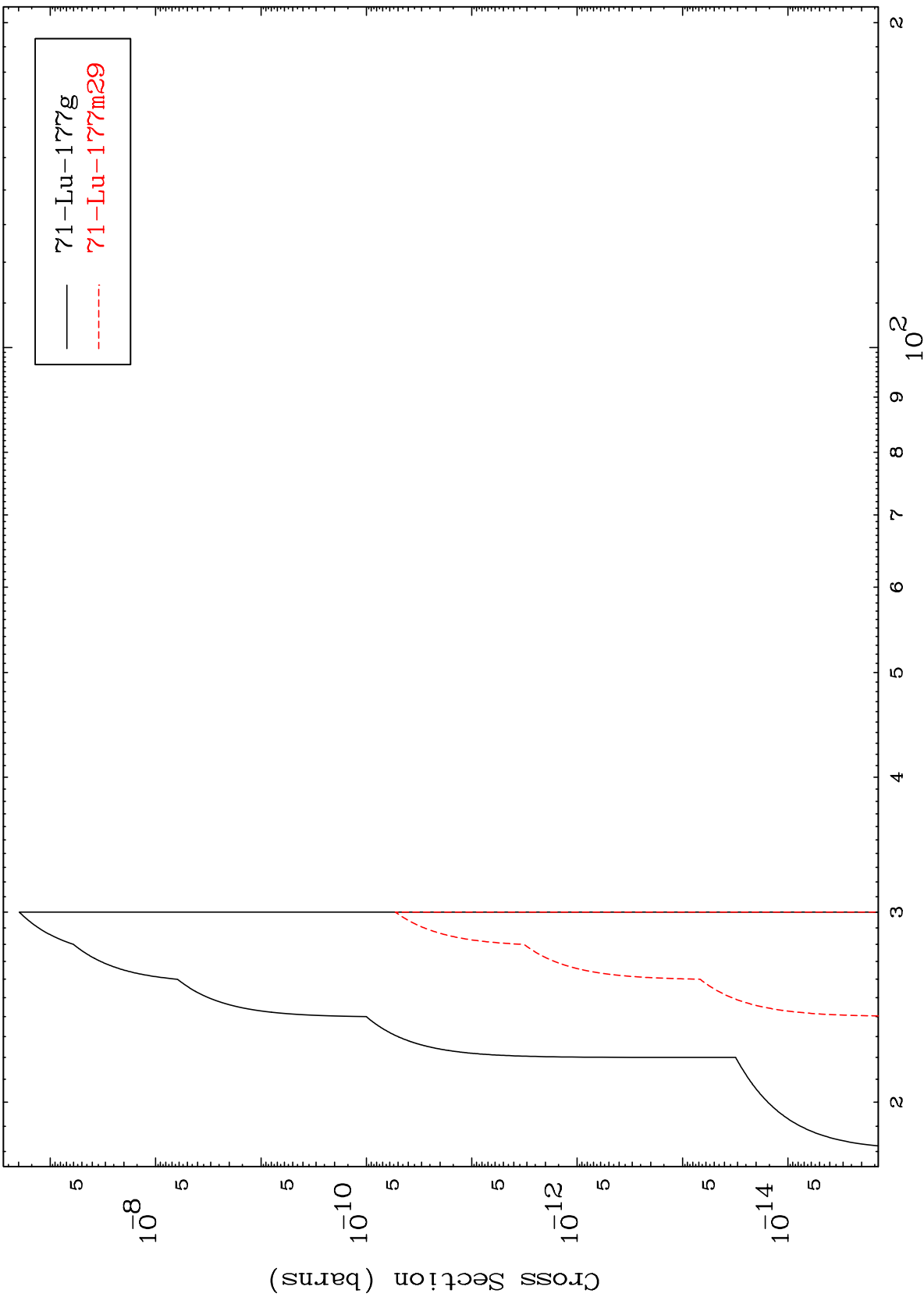


14

Incident Energy (MeV)

72-Hf-181

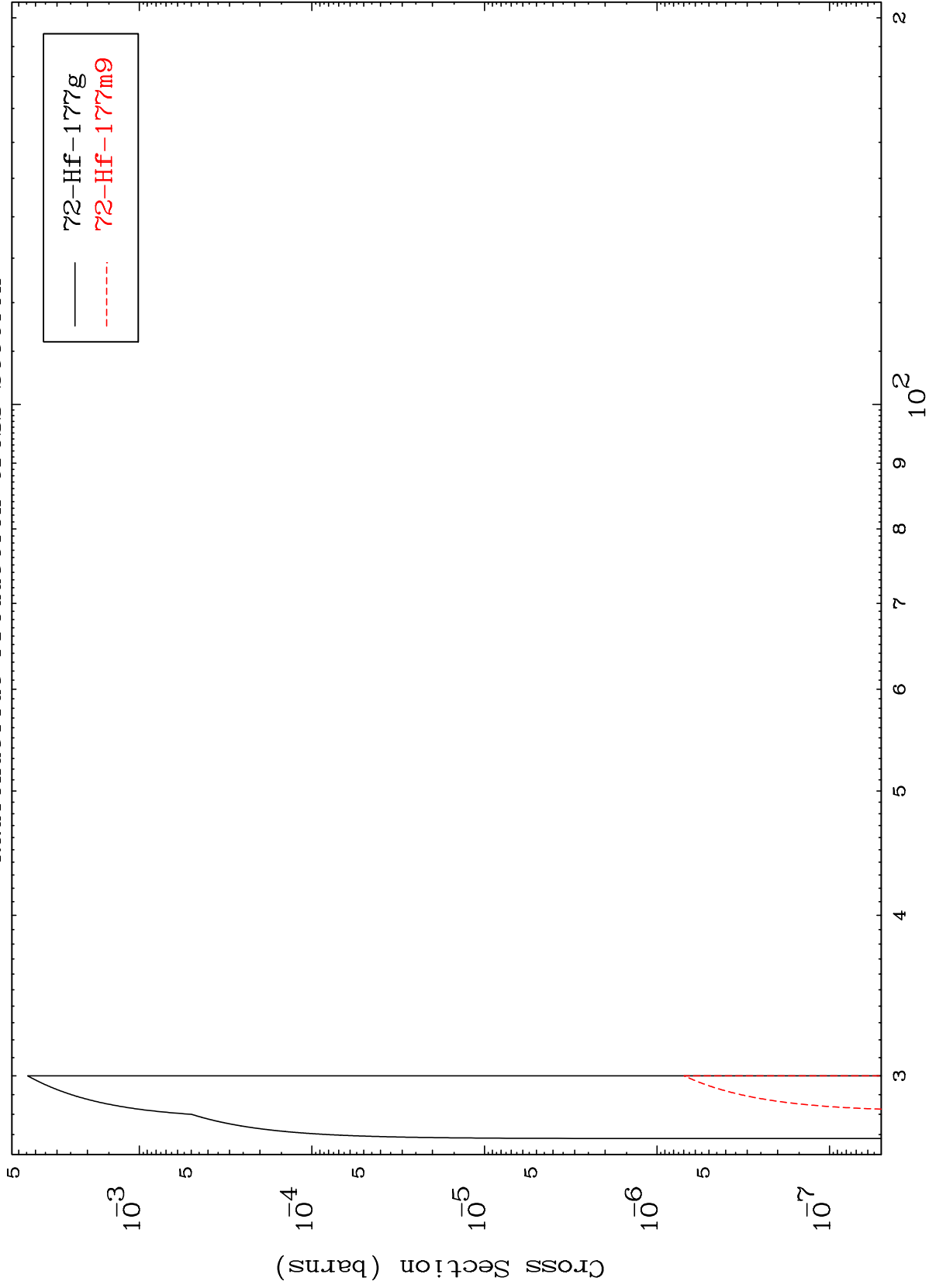
Radionuclide Production Cross Section



MAT 7246

72-Hf-181

($\gamma, 4n$)
Radionuclide Production Cross Section



16

Incident Energy (MeV)

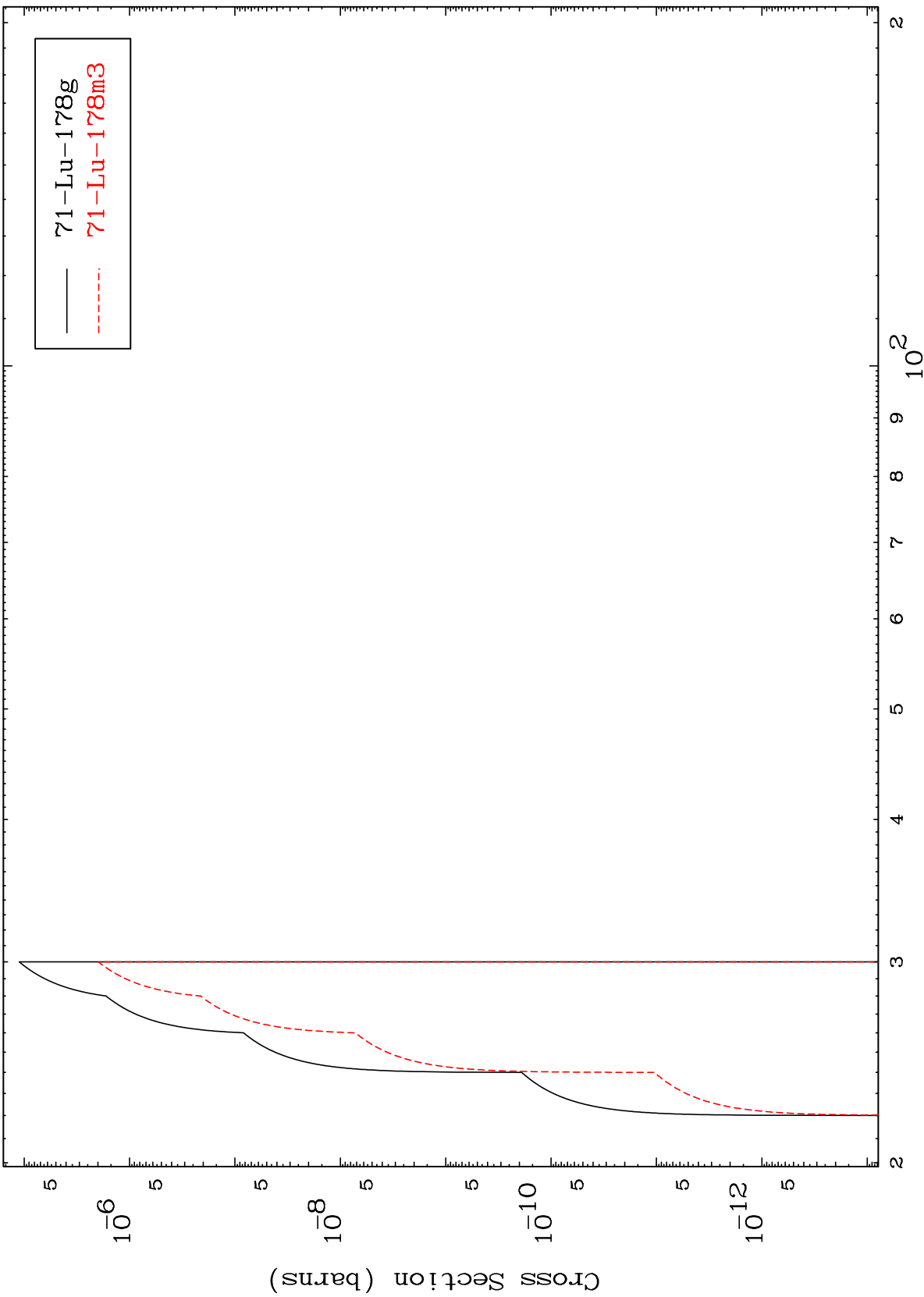
72-Hf-181

MAT 7246

($\gamma, 2n$) p

72-Hf-181

Radionuclide Production Cross Section



17

Incident Energy (MeV)

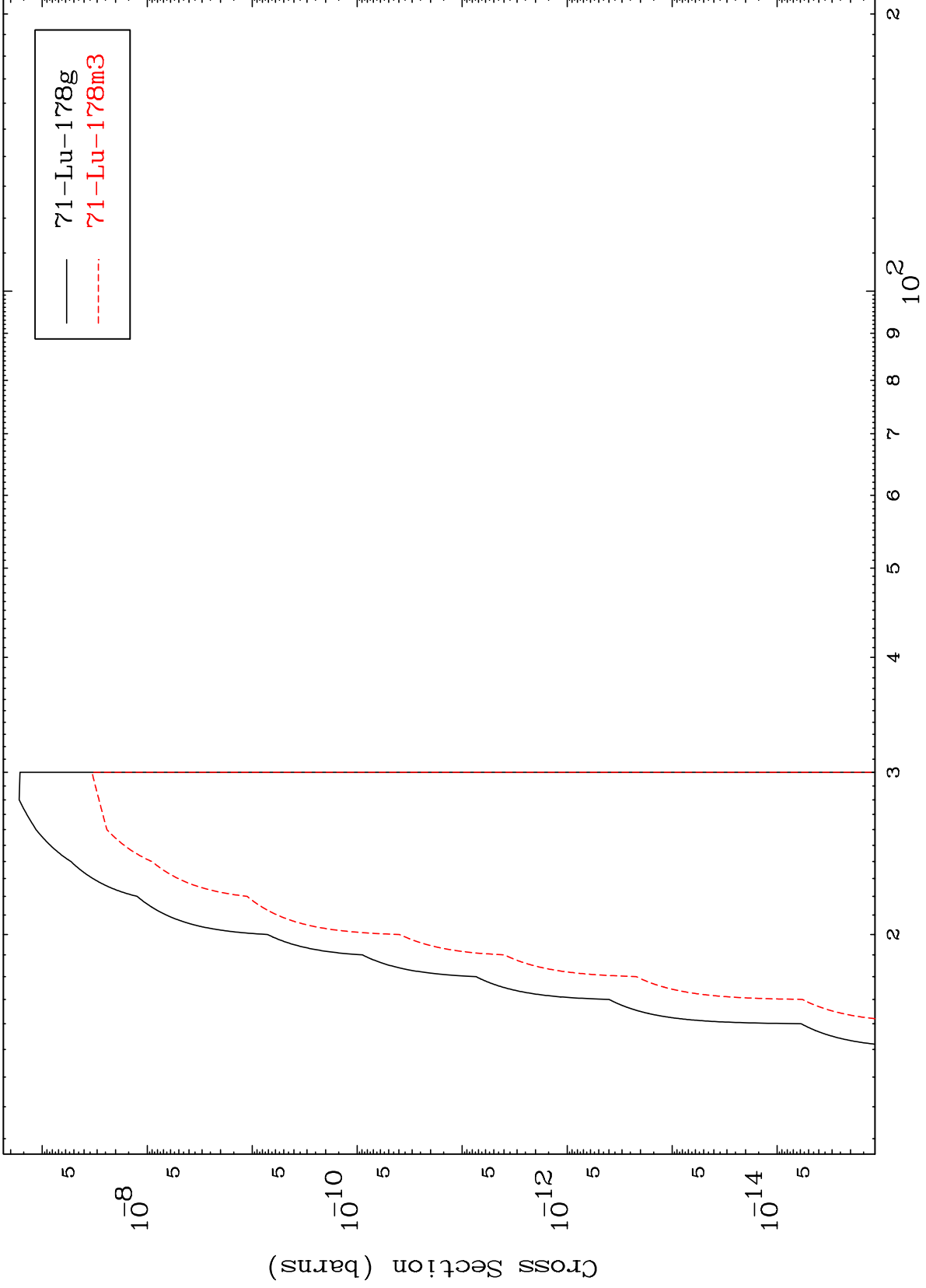
72-Hf-181

MAT 7246

(γ, t)

72-Hf-181

Radionuclide Production Cross Section



18

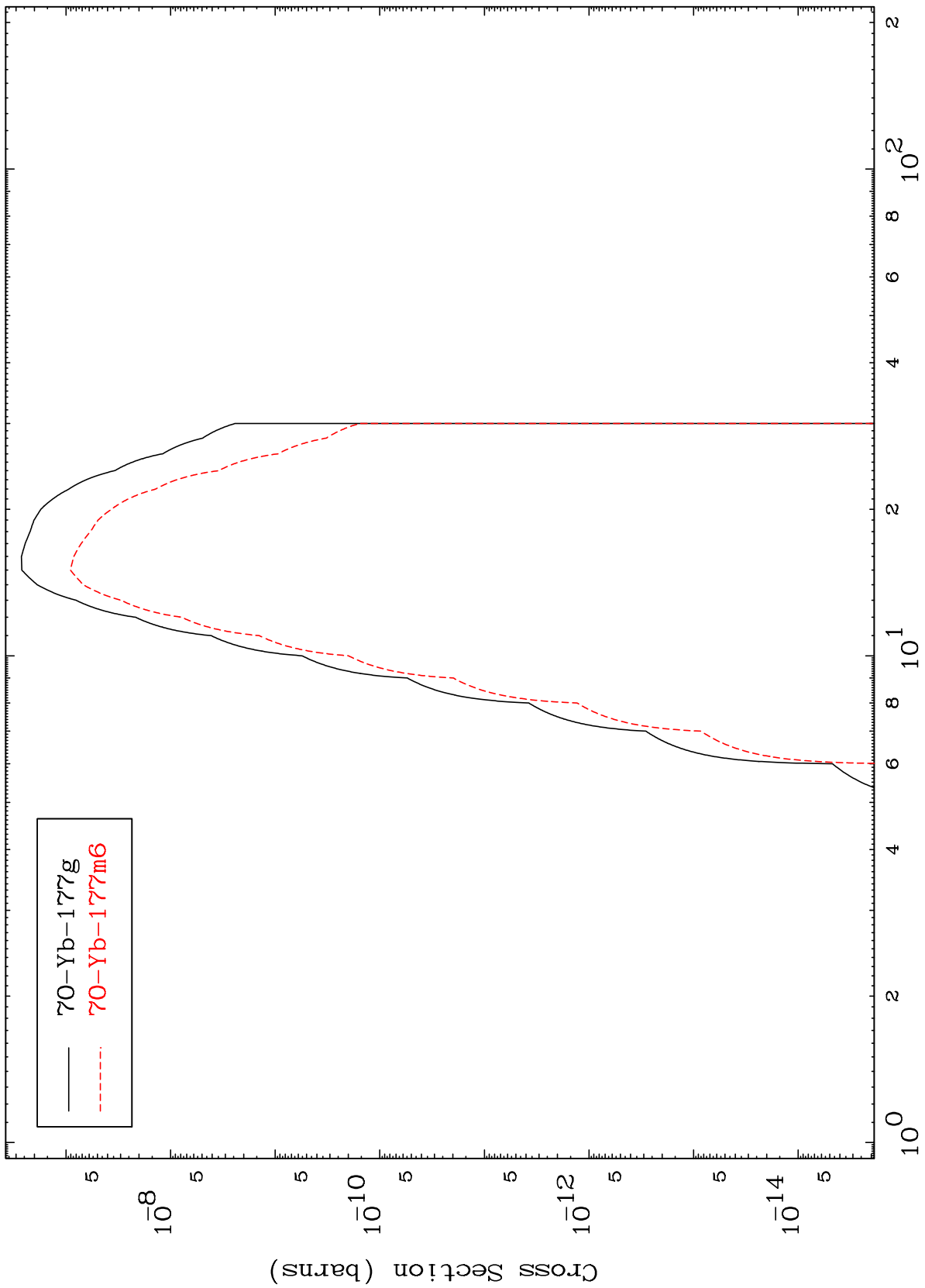
Incident Energy (MeV)

72-Hf-181

MAT 7246

72-Hf-181

(γ, α)
Radionuclide Production Cross Section



— 70-Yb-177g
- - - 70-Yb-177m6

19

Incident Energy (MeV)

72-Hf-181